



# RUTGERS

School of Arts and Sciences  
DEPARTMENT OF CHEMISTRY  
AND CHEMICAL BIOLOGY

## 2020-21

### Graduate Student Awards



1:00pm

Welcome, Opening Remarks

1:05pm

Reid Award Presentations

*Zhongkai Cheng*

“Light Management in  
Organic Optoelectronic Materials”

*Brian Conley*

“Modulation of the CNS Inhibitory  
Microenvironment Using a Bio-Inspired  
Hybrid Nanoscaffold”

*Santanu Malakar*

“Chemical Catalysis of Nitrogen  
Reduction - A Mechanistic Study”

*Hongbin Yang*

“Probing Free Carrier Plasmons in  
Doped Semiconductors Using Spatially  
Resolved Electron Energy Loss  
Spectroscopy”

*Kun Zhu*

“Design and Fabrication of  
LED devices Based on Low-Cost,  
Nontoxic and Robust Hybrid Copper Iodide”

1:55pm

Presentation of Awards



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## 2020-21 Award Winners

### REID AWARD:

Zhongkai Cheng, Brian Conley,  
Santanu Malakar, Hongbin Yang,  
Kun Zhu

### VAN DYKE AWARD:

Xiuze Hei, Jeffrey Luo,  
Hsu-Chun Tsai, Lanxin Yang

### KRISHNAMURTHY AWARD:

Kaitlyn Dutton

### RIEMAN AWARD:

Ashley Bernstein, Bryan Gutierrez,  
Zilma Muneeswaran, Matthew  
Stuber, Nityananda Pal